

# WEST Search History

DATE: Monday, May 15, 2000

Set Name Query  
side by side

Hit Count Set Name  
result set

*DB USPT,PGPB,JPAB,EPAB,DWPI; PLUR YES; OP ADJ*

L1	rubber or elastomer	870812	L1
L2	L1 same (fluoro or fluorine)	11474	L2
L3	(polymer or copolymer) with (fluoro or fluorine)	30390	L3
L4	L3 same elastomeric	550	L4
L5	L4 same nonelastomeric	6	L5

END OF SEARCH HISTORY

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## Search Results - Record(s) 1 through 6 of 6 returned.

### 1. Document ID: US 5891538 A

L5: Entry 1 of 6

File: USPT

Apr 6, 1999

US-PAT-NO: 5891538

DOCUMENT-IDENTIFIER: US 5891538 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Thermoplastic resin composition and laminate comprising the same

DATE-ISSUED: April 6, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamamoto; Yoshihisa	Osaka			JP
Yamato; Takafumi	Osaka			JP
Shimizu; Tetsuo	Osaka			JP
Harada; Takeshi	Osaka			JP

US-CL-CURRENT: 428/36.9; 525/179

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Drawn Desc	Image										

### 2. Document ID: JP 2001011273 A

L5: Entry 2 of 6

File: JPAB

Jan 16, 2001

PUB-NO: JP02001011273A

DOCUMENT-IDENTIFIER: JP 2001011273 A

TITLE: FLUORINE-CONTAINING MATERIAL EXCELLENT IN MELT EXTRUDABILITY

PUBN-DATE: January 16, 2001

## INVENTOR-INFORMATION:

NAME	COUNTRY
ARAKI, TAKAYUKI	
HIRANO, NOBUHIRO	
OKA, NORITOSHI	

INT-CL (IPC): C08 L 27/12; B29 C 47/00; C08 L 53/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Drawn Desc	Image										

3. Document ID JP 04270712 A

L5: Entry 3 of 6

File: JPAB

Sep 28, 1992

PUB-NO: JP404270712A  
DOCUMENT-IDENTIFIER: JP 04270712 A  
TITLE: FLUORINE-CONTAINING SEGMENTED POLYMER

PUBN-DATE: September 28, 1992

INVENTOR-INFORMATION:

NAME

COUNTRY

KAMIYA, HIROKI

KANEKO, ISAMU

MATSUO, HITOSHI

INT-CL (IPC): C08F 293/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC
Draw Desc	Image										

4. Document ID: JP 62146932 A

L5: Entry 4 of 6

File: JPAB

Jun 30, 1987

PUB-NO: JP362146932A  
DOCUMENT-IDENTIFIER: JP 62146932 A  
TITLE: PRODUCTION OF MOLDING BASED ON FLUOROELASTOMER-TYPE THERMOPLASTIC ELASTOMER

PUBN-DATE: June 30, 1987

INVENTOR-INFORMATION:

NAME

COUNTRY

SAMURA, YOSHITAKA

KAJIWARA, KEIZABUROU

US-CL-CURRENT: 427/551

INT-CL (IPC): C08J 7/18; C08J 7/02; F16L 11/06

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC
Draw Desc	Image										

5. Document ID: JP 62146931 A

L5: Entry 5 of 6

File: JPAB

Jun 30, 1987

PUB-NO: JP362146931A  
DOCUMENT-IDENTIFIER: JP 62146931 A  
TITLE: PRODUCTION OF MOLDING BASED ON FLUOROELASTOMER-TYPE THERMOPLASTIC ELASTOMER

PUBN-DATE: June 30, 1987

INVENTOR-INFORMATION:

NAME  
SAMURA, YOSHITAKA  
KAJIWARA, KEIZABUROU

COUNTRY

US-CL-CURRENT: 427/551  
INT-CL (IPC): C08J 7/18; C08J 7/02; C09K 3/10; F16J 15/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWIC

6. Document ID: JP 59059909 A

L5: Entry 6 of 6

File: JPAB

Apr 5, 1984

PUB-NO: JP359059909A  
DOCUMENT-IDENTIFIER: JP 59059909 A  
TITLE: RUBBER ELASTOMER FILAMENT

PUBN-DATE: April 5, 1984

INVENTOR-INFORMATION:

NAME  
TOMOTA, MASAYASU  
KAWACHI, MASA HARU  
TANAKA, HIROYUKI

COUNTRY

US-CL-CURRENT: 264/470; 264/473  
INT-CL (IPC): D01F 6/32; D01F 6/48

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC

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Terms	Documents
L4 same nonelastomeric	6

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# WEST Search History

DATE: Monday, May 05, 2003

Set Name Query  
side by side

Hit Count Set Name  
result set

*DB USPT,PGPB,JPAB,EPAB,DWPI; PLUR YES; OP ADJ*

L1	Araki-takayuki\$.in. or hirano-nobuhiro\$.in. or oka-noritoshi\$.in.	273	L1
L2	L1 and elastomer	14	L2
L3	L2 and (fluoro or fluorine)	14	L3
L4	L3 and elastomeric	8	L4
L5	L3 and (elastomeric same nonelastomeric)	0	L5
L6	L4 and nonelastomeric	0	L6

END OF SEARCH HISTORY

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## Search Results - Record(s) 1 through 8 of 8 returned.

### 1. Document ID: US 6552127 B1

L4: Entry 1 of 8

File: USPT

Apr 22, 2003

US-PAT-NO: 6552127

DOCUMENT-IDENTIFIER: US 6552127 B1

TITLE: Thermoplastic resin composition

DATE-ISSUED: April 22, 2003

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shimizu; Tetsuo	Settsu			JP
Yamamoto; Yoshihisa	Settsu			JP
Yamaguchi; Seitaro	Settsu			JP
Tsuda; Nobuhiko	Settsu			JP
Yamane; Noriyasu	Settsu			JP
Yamato; Takafumi	Settsu			JP
Kumegawa; Masahiro	Settsu			JP
Araki; Takayuki	Settsu			JP

US-CL-CURRENT: 525/148; 525/132, 525/146, 525/151, 525/153, 525/165, 525/176, 525/178, 525/180, 525/182, 525/183, 525/185, 525/189

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw	Desc	Image									

### 2. Document ID: US 6476151 B1

L4: Entry 2 of 8

File: USPT

Nov 5, 2002

US-PAT-NO: 6476151

DOCUMENT-IDENTIFIER: US 6476151 B1

TITLE: Heat-resistant material and coating material for OA equipments having flexibility

DATE-ISSUED: November 5, 2002

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Araki; Takayuki	Settsu			JP
Tanaka; Yoshito	Settsu			JP
Kumegawa; Masahiro	Settsu			JP
Otsuki; Norihito	Settsu			JP
Kato; Masami	Settsu			JP
Shimizu; Tetsuo	Settsu			JP

US-CL-CURRENT: 525/276; 526/79

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw	Desc	Image									

### 3. Document ID: US 6054537 A

L4: Entry 3 of 8

File: USPT

Apr 25, 2000

US-PAT-NO: 6054537

DOCUMENT-IDENTIFIER: US 6054537 A

TITLE: Thermoplastic resin composition

DATE-ISSUED: April 25, 2000

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shimizu; Tetsuo	Settsu			JP
Yamamoto; Yoshihisa	Settsu			JP
Yamaguchi; Seitaro	Settsu			JP
Tsuda; Nobuhiko	Settsu			JP
Yamane; Noriyasu	Settsu			JP
Yamato; Takafumi	Settsu			JP
Kumegawa; Masahiro	Settsu			JP
Araki; Takayuki	Settsu			JP

US-CL-CURRENT: 525/189; 525/133, 525/146, 525/150, 525/151

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw	Desc	Image									

### 4. Document ID: US 5986150 A

L4: Entry 4 of 8

File: USPT

Nov 16, 1999

US-PAT-NO: 5986150

DOCUMENT-IDENTIFIER: US 5986150 A

TITLE: Fluorine-containing olefin, fluorine-containing polymer and thermoplastic resin composition prepared by using said polymer

DATE-ISSUED: November 16, 1999

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Araki; Takayuki	Settsu			JP
Shimizu; Tetsuo	Settsu			JP
Yamato; Takafumi	Settsu			JP
Kumegawa; Masahiro	Settsu			JP
Yamamoto; Yoshihisa	Settsu			JP

US-CL-CURRENT: 568/843; 549/563, 568/674

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

## 5. Document ID: US 5869574 A

L4: Entry 5 of 8

File: USPT

Feb 9, 1999

US-PAT-NO: 5869574

DOCUMENT-IDENTIFIER: US 5869574 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Thermoplastic resin composition

DATE-ISSUED: February 9, 1999

### INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shimizu; Tetsuo	Settsu			JP
Yamamoto; Yoshihisa	Settsu			JP
Yamaguchi; Seitaro	Settsu			JP
Tsuda; Nobuhiko	Settsu			JP
Yamane; Noriyasu	Settsu			JP
Yamato; Takafumi	Settsu			JP
Kumegawa; Masahiro	Settsu			JP
Araki; Takayuki	Settsu			JP

US-CL-CURRENT: 525/151; 525/133, 525/146, 525/165, 525/166, 525/178, 525/179, 525/189

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

## 6. Document ID: US 5750626 A

L4: Entry 6 of 8

File: USPT

May 12, 1998

US-PAT-NO: 5750626

DOCUMENT-IDENTIFIER: US 5750626 A

TITLE: Thermoplastic resin composition

DATE-ISSUED: May 12, 1998

### INVENTOR-INFORMATION:



NAME	CITY	STATE	ZIP CODE	COUNTRY
Shimizu; Tetsuo	Settsu			JP
Yamamoto; Yoshihisa	Settsu			JP
Yamaguchi; Seitaro	Settsu			JP
Tsuda; Nobuhiko	Settsu			JP
Yamane; Noriyasu	Settsu			JP
Yamato; Takafumi	Settsu			JP
Kumegawa; Masahiro	Settsu			JP
<u>Araki; Takayuki</u>	Settsu			JP

US-CL-CURRENT: 525/151; 525/133, 525/146, 525/165, 525/166, 525/178, 525/179, 525/189

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

# 7. Document ID: US 5670593 A

L4: Entry 7 of 8

File: USPT

Sep 23, 1997

US-PAT-NO: 5670593

DOCUMENT-IDENTIFIER: US 5670593 A

TITLE: Fluorine-containing olefin, fluorine-containing polymer and thermoplastic resin composition prepared by using said polymer

DATE-ISSUED: September 23, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Araki; Takayuki</u>	Settsu			JP
Shimizu; Tetsuo	Settsu			JP
Yamato; Takafumi	Settsu			JP
Kumegawa; Masahiro	Settsu			JP
Yamamoto; Yoshihisa	Settsu			JP

US-CL-CURRENT: 526/245; 526/240, 526/242, 526/246, 526/247, 526/248, 526/249, 526/255

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

# 8. Document ID: EP 1029875 A1

L4: Entry 8 of 8

File: EPAB

Aug 23, 2000

PUB-NO: EP001029875A1

DOCUMENT-IDENTIFIER: EP 1029875 A1

TITLE: MOLDING MATERIAL

PUBN-DATE: August 23, 2000

## INVENTOR-INFORMATION:

NAME	COUNTRY
KISHINE, MITSURU	JP
KITAICHI, MASANORI	JP
NOGUCHI, TSUYOSHI	JP
TANAKA, YOSHITO	JP
ARAKI, TAKAYUKI	JP
IRIE, SADASHIGE	JP

INT-CL (IPC): C08 F 293/00; C08 L 53/00; C09 K 3/10  
 EUR-CL (EPC): C09K003/10; C08F293/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	image								

KIMC

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Documents

L3 and elastomeric

8

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